

Severe local storms, June, 1931—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Marshall County, Iowa.....	22	9 p. m.			\$14,000	Wind.....	Buildings, fruit trees, and crops injured.....	Official, U. S. Weather Bureau.
Elgin (near), Ill.....	22					Wind and rain.....	Wheat and oats on several farms almost a total loss.	Do.
De Kalb County, Ill. (northern).....	22					Wind, hail, and rain.	Oats, hay, fruit, and gardens almost total loss in places; roofs damaged; wire services interrupted.	Do.
Dubuque, Iowa.....	22					Wind.....	Factories and residence considerably damaged.	Do.
Macoupin County, Ill. (central).....	22					do.....	Several buildings damaged; trees and wheat blown down.	Do.
Montana (northeastern counties).....	22					Hail.....	Growing crops damaged.....	Do.
Hopkins, S. C.....	23	9-10 p. m.			3,000	Hail and wind.....	Crops, cabins, and outbuildings damaged.....	Do.
Montana (south-central counties).....	23					Hail.....	Growing crops damaged.....	Do.
Evansville, Ind., and vicinity.....	24				30,000	Electrical.....	Telephone lines, homes and other buildings damaged.	Do.
Franklin County, Miss.....	24			1		Thunder squall.....	Residences damaged.....	Do.
Statesboro (near), Ga.....	25					Wind.....	Several tobacco barns damaged; many trees blown down.	Do.
Michigan (straits to southern boundary).....	26	4:30-9 a. m.		2		Wind, electrical and rain.	Many buildings damaged; trees uprooted.....	Do.
Sunbury, Pa., and vicinity.....	26				10,000	Electrical.....	Garages and autos wrecked; crops damaged.....	Do.
Ohio (northern).....	26-27			4		Thunderstorms and wind.	Extensive destruction of property of all kinds; Cleveland hardest hit; 1 person injured.	Do.
Montana (east-central counties).....	28					Hail.....	Crops damaged.....	Do.
Kettle Falls, Wash.....	29	2:30 p. m.			25,000	Thunder and hail.	Chief damage to apple crop.....	Do.
Thomas to Sedan (near), N. Mex.....	29	3-4:15 p.m.				Hail.....	Considerable damage, character not reported; path 15 miles long.	Do.
Rock Hill, S. C.....	29	P. m.			3,000	Hail and wind.....	Character of damage not reported.....	Do.
Montana (north-central and central counties).....	29				100,000	Hail.....	Severe crop damage.....	Do.
Indiana.....	29					11 severe wind storms.	Character of damage not reported.....	Do.
Bunker Hill, Ill.....	30	6 p. m.	3 mi.		10,000	Wind.....	Buildings damaged or wrecked; poles and trees blown down; crops flattened; path 5 miles.	Do.
Gordo (near), Ala.....	30					Wind and hail.....	Number of small buildings wrecked; trees uprooted.	Do.
Hernando, Miss., and vicinity.....	30				3,000	Violent wind and hail.	Character of damage not reported.....	Do.
Literbury, Ill., and vicinity.....	30					Wind and rain.....	Small buildings and crops damaged; 2 persons injured.	Do.

RIVERS AND FLOODS

By MONTROSE W. HAYES

Many of the rivers in the mid-western and far-western States were still at very low stages in June, and in no part of the country were there any river rises of importance. Heavy rains in northeastern Missouri and southern Kansas overflowed creeks, and caused damage estimated at \$9,000 in Missouri and \$4,000 in Kansas.

Table of bankful stages in June, 1931

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
ATLANTIC SLOPE DRAINAGE					
Connecticut: Hartford, Conn.-----	<i>Feet</i> 16	10	13	<i>Feet</i> 17.6	11
MISSISSIPPI SYSTEM					
<i>Upper Mississippi Basin.</i>					
Illinois: Peru, Ill.-----	14	25	25	14.1	25
<i>Arkansas Basin.</i>					
Fountain: Fountain, Colo.-----	8	25	25	8.6	25
GULF OF CALIFORNIA DRAINAGE					
Colorado: Parker, Ariz.-----	7	1	30	8.0	10-15
PACIFIC SLOPE DRAINAGE					
<i>Columbia Basin.</i>					
Columbia: Marcus, Wash.-----	24	12	16	24.2	13, 14